

**Community Advisory Council to the
Environmental Management Commission
Building 1206
Camp Edwards, Massachusetts
April 21, 2011
5:30 p.m.**

Meeting Minutes

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<u>Attendees:</u>	<u>Organization:</u>	<u>Telephone:</u>	<u>E-Mail:</u>
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John Scott	Tetra Tech	617-283-5169	John.scott@tetrattech.com
Andrew Campbell	Bourne Water District	508-759-3723	Bourneh2o@aol.com
John O'Brien	Haley and Ward, Inc.	781-890-3980	jobrien@haleyward.com
Leo Yuskus	Haley and Ward, Inc.	781-890-3980	lyuskos@haleyward.com

Handouts Distributed at Meeting:

1. Community Advisory Council Draft Meeting Minutes for November 17, 2010
2. Cape Cod Air Force Station Wind Turbines
3. Developing a Drinking Water Supply on the MMR for the Bourne Water District
4. Environmental and Readiness Center Update

5. Camp Edwards Future Planning Update Brief
6. Soldier Validation Lane Camp Edwards

Agenda Item #1. Welcome

Community Advisory Council (CAC) Chair Mark Harding welcomed everyone and the CAC members introduced themselves.

Agenda Item #2: Review of CAC Meeting Minutes

The minutes from the November 17, 2010 meeting were reviewed. Mr. Dishner made a motion to approve the November 17, 2010 meeting minutes, and Ms. Valiela second the motion and the minutes were approved unanimously.

Agenda Item #3: Bourne Water District, Proposed Water Supply Well – Andrew Campbell, Superintendent, Bourne Water District

Mr. Campbell, Superintendent, Bourne Water District, introduced Leo Yuskus, Senior Vice President at Haley and Ward, who has worked with the Bourne Water District for twenty years and John O'Brien, Project Engineer, Haley and Ward.

Mr. O'Brien gave a summary of the Bourne Water District's intent to develop a new water supply on Camp Edwards. Mr. O'Brien explained that WS-4 Site, which was part of the initial water supply investigation by the Water Cooperative, is located between Route 28 and Frank Perkins Road. Mr. O'Brien stated that the WS-4 site originally was investigated during the time when the Upper Cape Water Cooperative Wells were developed. WS-4 was a potential site they chose not to use it at that time. This site was determined to be the most appropriate site for developing a new water supply. Mr. O'Brien stated that the Impact Area Groundwater Study Program (IAGWSP) conducted a groundwater quality investigation and assured satisfactory drinking water quality at WS-4.

Mr. O'Brien stated that there were a couple of pump tests conducted at WS-4 and contingent approval as a water supply was received from the Massachusetts Department of Environmental Protection (MassDEP).

Mr. O'Brien said that developing WS-4 will increase the reliability of the system and will ensure adequate supply in the event of an emergency. Development of the site will also allow for flexibility in water management practices and allow withdrawals to be spread out so that areas are not over pumped. Finally, it will also meet present and future water demand.

Mr. O'Brien stated that the project will include a deep gravel pack well, 16" x 22" x 227'. A submersible pump with pumping capacity of 800 gpm will be installed. The groundwater is 65-73 feet below the ground level. The pump capacity is 800 gpm, which is approved by MassDEP. There's a 50-foot easement off Route 28. He explained that for the Bourne Water District to construct the well the area required for a license or lease is 160 by 270 feet, which is the minimum area necessary to construct the well. Mr. O'Brien explained that the advantages of this site are: water transmission exists, existing electric power, successful well pump testing, and satisfactory water quality and quantity. Further, the site work will disturb the minimum area necessary as the Bourne Water District is aware of the environmental concerns. There are no environmental impacts because of the construction as long as the well is pumping 800 gallons a minute.

Mr. O'Brien said that the Natural Heritage and Endangered Species Program (NHESP) have determined a "No Take" and the NEPA and MEPA processes are complete. Mr. O'Brien noted that two, 1,000 gallon liquid propane tanks would be on site, along with three chemicals: sodium hydroxide, potassium hydroxide, and hydrated lime corrosion control product.

The CAC discussed WS-4 in relation to future growth in Bourne, where it would tie into the main, and what would happen were the well to be abandoned in the future.

Motion on the Bourne Water District, Proposed Water Supply Well

Ms. Valiela moved that the CAC recommend to the EMC that the EMC support WS-4. Mr. Cole seconded the motion.

COL Crivello asked if the piece of land that the Bourne Water District has now is based on an easement granted by the Commonwealth. Mr. Campbell, Bourne Water District, replied yes. COL Crivello said that this new piece would be an easement granted by the Commonwealth and a real estate action would have to take place, because the land the Bourne Water District wants the easement on is land that the Federal government leases from the Commonwealth and licenses back to the Army National Guard. COL Crivello said he is not sure if there would be a lease or the license from the Army Corps of Engineers or an easement. The second question is if legislation has to be passed.

Mr. Begley said that based on the comments received in the MEPA process and the MEPA certificate there was discussion about the need for communication between the Bourne Water District and the Department of Fish and Game and specifically mentioned Article 97.

The CAC also discussed activities that would be allowed in the 400 foot radius, signage, and the access road and illegal ATV usage on it.

Mr. Lafarge reminded the other CAC members that he is a resident of Bourne and a customer of the Bourne Water District and has an interest beyond the interest of the town to make sure that "we all get drinking water." Mr. Harding said that was duly noted.

Mr. Harding called for a vote. All CAC members present were in favor of the motion.

Agenda Item #3: Proposed Cape Cod Air Force Station Wind Turbines – Barbara Burnett, Cape Cod Air Force Station

Ms. Burnett, community liaison for the Cape Cod Air Force Station (CCAFS), provided an update on the progress of the Air Force Space Command project to install two wind turbines at Cape Cod Air Force Station. Ms. Burnett said that they have been working with Camp Edwards staff and identified a site for the second turbine on edge of BP-18; there will be minimal impact to Camp Edwards training. There also will be limits on the amount of clearing for construction and utility lines. The current status is finalizing siting actions with Camp Edwards staff including determining proper real estate documentation in order to receive formal approval for the project from the Massachusetts Army National Guard. Originally, they were working towards FY-12 funding for the project; however, there is a chance that FY-11 funds will become available if they can execute the project this year.

Ms. Burnett stated that NEPA Actions are that AFCEE completed an Environmental Assessment for the installation of their turbines resulting in a Finding of No Significant Impact. The AFSPC turbines qualify

for a Categorical Exclusion (CATEX) since similar work has already been reviewed. All restrictions placed on AFCEE's turbines will also apply to APSPC (for example, bird/bat monitoring).

Mr. Dishner asked what is the estimate of funding. Ms. Burnett replied that she will research and get back to him with the information.

Ms. Valiela inquired about the amount of energy that will be used. Ms. Burnett replied that if the two turbines were running ideally would be net zero, 1.8 megawatts which is how much used on a regular basis.

Mr. Cowles asked how Site 2 will be accessed. COL Crivello replied that the proposal is to place the turbine on the outer edge of the BP-18 gun position so training can continue. The transmission line may go out the access road and down the edge of the easement or a path may be cut to the substation. Mr. Begley said there would be less habitat damage with a straight shot rather than cutting in next to the easement.

Motion on the Proposed Cape Cod Air Force Station Wind Turbines

Ms. Valiela made a motion to support the two turbines within the PAVE PAWS area; Mr. Cowles seconded the motion and all CAC members present at the meeting voted in favor of the motion.

Agenda Item #5: Massachusetts Army National Guard Updates –

A. General Update - Dr. Mike Ciaranca, MAARNG

Dr. Ciaranca discussed programmatic changes including the transition of the Environmental & Readiness Center (E&RC) staff to state employment, and staff changes. Dr. Ciaranca noted that the 2010 State of the Reservation Report is complete and is available at www.EandRc.org. Comments and suggestions for next year's report have been received by Mr. Begley, Mr. Sullivan and Dr. Ciaranca and still can be submitted.

Dr. Ciaranca reported that the Commanders of the Massachusetts Military Reservation gave briefings to the Boards of Selectmen of the Upper Cape towns. They also provided a brief to the Cape Cod Commission. He said that the Military Civilian Community Council (MC3) for the Cantonment area has not met in over a year and is being reformed with new members to include CAC member Ms. McConnell. The next meeting has been scheduled for May 11, 2011.

Dr. Ciaranca stated that there was trespassing in the BA-3 area recently; trees were cut down and stumps remain on site. Also, wood was removed from the NStar utility easement. Dr. Ciaranca noted that ATVs continue to be an issue on MMR.

Mr. Kelly, natural resources manager, reported on the fall 2010 deer hunt activity and said that the turkey hunt is scheduled for May 2011. A youth hunt is scheduled for April 23. Mr. Kelly explained that the Guard is working in partnership with the MA Department of Fish and Wildlife (DFW) and the US Fish and Wildlife Service (FWS) to burn 500 acres inside and outside of the Impact Area as part of the New England Cottontail Grant and Partnership. Conducting prescribed fire in the Impact Area is critical to producing habitat that benefits the New England Cottontail population.

Dr. Ciaranca stated that pilot period for the Ultimate Training Munition (UTM) and FX Marking Round expired September 16, 2010. Progress reports were submitted, and on November 16, 2010, the

MAARNG requested that the EMC support the permanent inclusion of UTM and FX Marking Round on the approved munitions list for Camp Edwards.

Dr. Ciaranca provided an update on the Small Arms Ranges. Site drainage work has been completed at Juliet and Kilo ranges and lysimeters were installed on Juliet and Kilo and reconfigured on Tango Range.

Dr. Ciaranca then discussed Sierra Range, which is required to qualify soldiers prior to deployment. The Draft Alternative Analysis was submitted to the Small Arms Range Working Group made up of EPA, MassDEP, MANG, and IAGWSP. A Line of Site Analysis (LOS) was provided to the group. The LOS was developed to learn where the bullets land, whether they impact the range floor and if they can be recovered. A live fire demonstration was held which appeared to prove out the LOS. Out of 90 targets, the Guard believes 17 will need auxiliary berms to preclude bullets from hitting the range floor.

Dr. Ciaranca said that the second draft of the LOS analysis is being reviewed by the SARWG. Once the LOS is complete it will go into the alternative analysis, and then the Supplemental Environmental Impact Report will be completed with MEPA.

Dr. Ciaranca stated that alternative ammunition (copper) is being reviewed. Mr. Begley asked if the round is like the existing round minus the lead. Dr. Ciaranca replied that it is an enhanced performance round with a longer distance and is more effective and accurate against soft and hard targets and has a greater penetration power. As a result, there could be more range maintenance. Mr. Harding asked if the lead based ammunition that is currently used in a copper jacket. Dr. Ciaranca replied that it is in a copper metal jacket.

B. Planning Update – COL Richard Crivello, Camp Edwards Commander

COL Crivello discussed future planning at the MMR and discussed the four major commands at MMR and the inter-agency cooperation that is necessary to run the base. He explained that a future vision is being developed for the MMR to support current and future missions. COL Crivello discussed the current pre-mobilization training at Camp Edwards and the current DOD mobilization policy in place for Reserve components. He also explained Camp Edwards utilization numbers over the last five years as well as sustainable training.

COL Crivello explained recent and future projects that are planned for Camp Edwards and operational impacts to Camp Edwards and the MMR including consolidating and modernizing facilities to meet mission requirements and the reduced operating footprint at Otis ANGB. The Guard is looking at ways to reduce operating costs and identifying opportunities to partner with other agencies where appropriate.

COL Crivello discussed the Strategic Planning program and said that it's a comprehensive planning process identifying base-wide, long range goals and development proposals in partnership with the community and is an amalgamation of other strategic plans and goals. He reviewed the planning background at the MMR over the last 10 years including the Community Working Group master plan and the Guard's Final Environmental Impact Report along with information on the Military Civilian Community Council which was created to establish a mutually beneficial process to ensure timely and consistent notification between the military and civilian tenants of the MMR and the local and regional communities and organizations on projects, policies and activities.

COL Crivello explained that the strategic planning initiative will have two phases; the first phase will take place over the next year when specific service component plans are updated and developed. The second phase will be a comprehensive vision for the future of the MMR

The CAC discussed current and potential urban training venues at Camp Edwards and whether it would enhance the likelihood of escaping a future BRAC. MassDevelopment's work at Camp Edwards was also discussed as was future non-military development in the area east of the golf course on post and whether land should be set aside there for future military training. The Sandwich and Falmouth gates also were discussed.

Agenda Item # 6: Proposed Soldier Validation Lane – Dr. Mike Ciaranca, MARNG

Dr. Ciaranca said that the Soldier Validation Lane (SVL) is an XCTC-like training that will allow up to 150 soldiers to train at one time. The SVL will improve and sustain training capability at Camp Edwards by providing collective training capability with Cordon and Search Training and improvised explosive device (IED) training.

Dr. Ciaranca stated that the SVL is made up of Connex containers, which are reconfigurable and portable structures with an extremely high and fresh training value. Criteria have been developed for placement of the Connex containers. The Guard developed a SVL container placement check list, and placement of containers will be coordinated with the Environmental Management Commission (EMC) in regards to Chapter 47 and with the Environmental Protection Agency (EPA) Region 1 in regards to the Administrative Orders (AOs). There will be no new site clearing, no new roads, and no permanent concrete foundations.

Dr. Ciaranca explained that targetry at the SVL locations will be radio controlled, battery powered, solar charged and MILES compatible.

Dr. Ciaranca discussed the SVL process including the environmental review and MEPA process.

The CAC discussed the continuing need for training in a rural village setting utilizing Connex containers. LTC Elbthal, chief of training for the Massachusetts Army National Guard, explained that the SVL is applicable now because it allows them to adapt the training instead of constructing permanent buildings to train on only a certain scenario. The placement of mobile containers simulates buildings and rooms, and the containers will be moveable which allows them to adapt training scenarios.

Agenda Item #7: Other Business

There was no other business.

Agenda Item #8: Public Comment

There was no public comment.

Agenda Item #9: Adjourn

The meeting adjourned at 8:15 p.m.